

Title (en)

Driving method and driver for liquid crystal display device

Title (de)

Antriebsverfahren und Treiber für eine Flüssigkristallanzeigevorrichtung

Title (fr)

Procédé de commande et circuit de commande pour un dispositif d'affichage à cristaux liquides

Publication

EP 1752956 A2 20070214 (EN)

Application

EP 05110216 A 20051031

Priority

US 19986205 A 20050808

Abstract (en)

A source driving method and a source driver for a liquid crystal display device having a plurality of pixels, wherein each pixel comprises a first color sub-pixel with a first displaying wavelength, a second color sub-pixel with a second displaying wavelength less than the first displaying wavelength, and a third color sub-pixel with a third displaying wavelength less than the second displaying wavelength are provided. First, a digital data is received. Then, a digital to analog process is performed to convert the digital data into an analog data. Next, the analog data is sequentially selected and output to the first color sub-pixel, the second color sub-pixel, and then the third color sub-pixel of the selected pixel. The source driving method can improve the image color fidelity of the liquid crystal display device.

IPC 8 full level

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CPC (source: EP US)

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